

# Comparisons of Job Characteristics

**Focus Occupation: Forest and Conservation Workers (45-4011)**

**Associated Occupation: Log Graders and Scalers (45-4023)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 59

**Focus Occupation: Forest and Conservation Workers (45-4011)**

**Associated Occupation: Log Graders and Scalers (45-4023)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematics	9.2	14.0	14.0	0	Current knowledge level may be sufficient
Production and Processing	6.0	11.6	8.7	<<	Extensive education and/or training may be required
Administration and Management	8.4	10.1	11.7	>	Current knowledge level is likely sufficient
Sales and Marketing	5.2	7.4	6.2	<	Expanded education and/or training may be required
Transportation	4.6	6.4	8.1	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 85

**Focus Occupation: Forest and Conservation Workers (45-4011)**

**Associated Occupation: Log Graders and Scalers (45-4023)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Judgment and Decision Making	9.4	9.7	8.6	<	A higher skill level may be required
Mathematics	6.2	7.9	5.2	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 84

**Focus Occupation: Forest and Conservation Workers (45-4011)**  
**Associated Occupation: Log Graders and Scalers (45-4023)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Near Vision	11.1	11.8	9.5	<	Some improvement in abilities may be required
Oral Comprehension	12.5	11.6	10.1	<	Some improvement in abilities may be required
Oral Expression	12.4	11.6	10.1	<	Some improvement in abilities may be required
Problem Sensitivity	11.1	10.8	11.1	0	Current ability level may be sufficient
Category Flexibility	9.0	10.3	8.8	<	Some improvement in abilities may be required
Deductive Reasoning	10.6	9.5	9.5	0	Current ability level may be sufficient
Inductive Reasoning	10.2	9.5	8.5	<	Some improvement in abilities may be required
Written Expression	9.8	9.4	6.7	<<	Extensive improvement in abilities may be required
Visual Color Discrimination	6.4	8.5	7.4	<	Some improvement in abilities may be required
Spatial Orientation	2.7	5.6	6.5	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 82

**Focus Occupation: Forest and Conservation Workers (45-4011)**  
**Associated Occupation: Log Graders and Scalers (45-4023)**

Work Activities	Exclusivity of Activity
Grade, classify, or sort products according to specifications	74
Recognize tree or forest plant species	78
Recognize wood species characteristics	78

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

**Focus Occupation: Forest and Conservation Workers (45-4011)**  
**Associated Occupation: Log Graders and Scalers (45-4023)**

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.